

Parameters Subject to Change Without Notice

DESCRIPTION

JW[®]1827 is an offline step-down LED controller adaptive for PWM dimming.

High output constant current accuracy is achieved with optimized sampling technics. Critical conduction mode ensures high efficiency and good EMI performance.

JW1827 is supplied from line voltage directly without auxiliary winding and start-up circuitry, which can lower the system BOM cost.

JW1827 has multi-protection functions which largely enhance the safety and reliability of the system, including VDD UVLO, Vin UVLO, LED short protection and over-temperature protection.

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FEATURES

- Supply From Line Directly
- Critical Conduction Mode
- Adaptive for PWM Dimming
- Optimized Dimming Performance
- 0%~100% Dimming Range
- EMI Friendly
- LED Short Protection
- Vin UVLO
- Over Thermal Protection
- SOT23-6 package

APPLICATIONS

- LED lighting

TYPICAL APPLICATION

